PCT

RLD INTELLECTUAL PROPERTY ORGANIZATI



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6: WO 99/40953 (11) International Publication Number: A61L 15/46, 15/18, 9/01, 15/20 **A1** 19 August 1999 (19.08.99) (43) International Publication Date: PCT/IB99/00185 (81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, (21) International Application Number: BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), 2 February 1999 (02.02.99) (22) International Filing Date: EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, (30) Priority Data: MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, 98102691.7 17 February 1998 (17.02.98) EP SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, (71) Applicant (for all designated States except US): THE PROC-TER & GAMBLE COMPANY [US/US]; One Procter & MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), Gamble Plaza, Cincinnati, OH 45202 (US). OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). (72) Inventor; and (75) Inventor/Applicant (for US only): CORZANI, Italo [IT/IT]; Via Fontevecchia, 40, I-66100 Chieti (IT). **Published** (74) Agents: REED, T., David et al.; The Procter & Gamble With international search report. Company, 5299 Spring Grove Avenue, Cincinnatti, OH 45217-1087 (US).

(54) Title: DOPED ODOUR CONTROLLING MATERIALS

(57) Abstract

An odour controlling material is disclosed for removing or reducing odour emanating from certain gaseous or liquid compounds which material comprises an inorganic absorbent material doped with one or more dopants which are selected from the gaseous or liquid compounds and derivatives thereof. Conventional adsorbent materials such as silica, alumina, silicates and aluminosilicates can be used and a gaseous or liquid compounds are preferably selected from fatty acids and derivatives thereof, amines and ammonia and salts thereof, alcohols, aldehydes and ketones and heterocompounds. The odour control material is suitable for incorporation in an absorbent article such as a pantiliner or a sanitary napkin.